

1 got to work together if this is going to work. That's
2 all, thank you.

3 MS. MANNER: Thank you very much. And then
4 I'd like to call up Bill Carrow please.

5 MR. CARROW: Good afternoon. My name is
6 William Carrow, and I'm the President Elect of APCO
7 International, the nation's oldest and largest public
8 safety communications organization. APCO's over
9 15,000 members are on the front line of providing
10 communications capability for our nation's first
11 responders. We have long advocated steps to improve
12 interoperability among public safety communications
13 systems through digital equipment, standards such as
14 Project 25, spectrum allocation to facilitate multi-
15 agency shared systems, funding to support
16 interoperability solutions, and improved governance
17 and planning across local, state, tribal, and Federal
18 agencies.

19 APCO applauds the Commission for proposing
20 the creation of an Emergency Response Interoperability
21 Center, otherwise known as ERIC, though many important
22 issues regarding ERIC must still be resolved. An
23 entity to address interoperability will be essential
24 as we move into the broadband environment where local
25 public safety systems, national public safety networks

1 and commercial networks will need to interoperate to
2 provide optimum broadband communications for our
3 nation's first responders.

4 A wide variety of network engineering
5 standards, roaming agreements, priority access
6 procedures, equipment standards, and other
7 interoperability protocols will be needed. ERIC could
8 play a very important role in addressing these very
9 issues. However, we believe that there are several
10 critical elements for ERIC to be a success. First of
11 all, there must be sufficient funding to ensure that
12 ERIC is able to fulfill its responsibilities in an
13 effective and efficient manner.

14 Second, ERIC must be responsive to local
15 public safety needs. Therefore there must be an
16 effective advisory body to ERIC that includes direct
17 representation from first responder leadership
18 associations, organizations such as APCO and
19 representatives from a variety of public safety
20 interests, including large, medium, and small
21 agencies, urban and rural areas, and diverse regions
22 of this nation. Critical infrastructure industries
23 such as utilities should also be involved in the
24 process.

25 Third, we believe that ERIC should be a part

1 of the FCC as the Commission has direct jurisdiction
2 over state and local government spectrum allocation
3 and management. However, there should also be close
4 cooperation and participation by DHS, NTIA, NIST, and
5 other relevant Federal agencies. Fourth, ERIC will
6 need to work closely with the Public Safety Spectrum
7 Trust, the national licensee of the public safety
8 broadband spectrum. Currently there is little
9 information about the specific role and responsibility
10 of ERIC and how that aligns with the roles and
11 responsibility of the PSST. We encourage the
12 Commission to address the role of PSST and its
13 relationship with ERIC as early as possible.

14 Fifth, there is uncertainty regarding the
15 scope, authority, and interaction of ERIC with local,
16 state, tribal, and Federal stakeholders. We encourage
17 the Commission to address this issue in a clear and
18 uniform manner as early as possible. APCO looks
19 forward to participating in ERIC and working with the
20 Commission to enhance public safety communications
21 capability.

22 We also continue to urge Congress to
23 reallocate the D block as we believe that would be the
24 most effective way to address the long term broadband
25 needs of public safety. In any event, ERIC could play

1 a critical in ensuring that public safety broadband
2 communications will be available to the maximum number
3 of users possible with seamless interoperability. On
4 behalf of APCO and its nationwide membership, we thank
5 you for the opportunity to submit these remarks.

6 MS. MANNER: Thank you very much, Bill. I
7 look to our panelists if they have any remarks?
8 David?

9 MR. FURTH: One issue that I would I think
10 underscore is, Bill raised again a number of very good
11 questions I think, and one in particular that we
12 certainly are focused on is what is the relationship
13 between ERIC and the Public Safety Spectrum Trust as a
14 licensee. And although it is I think obvious, it
15 probably needs to be underscored ERIC is not intended
16 to be the licensee or to replace the licensee in terms
17 of doing the sorts of things that FCC licensees
18 normally do.

19 It will not hold rights in spectrum, it will
20 not build and operate networks, it will not enter into
21 partnerships or contracts with vendors. ERIC is going
22 to be in its initial iteration housed within the FCC
23 and it is essentially performs a regulatory function,
24 but it's a regulatory function with a technical focus.
25 And I think what we envision is that in fact ERIC and

1 the public safety licensee reinforce one another.

2 Because the standards and the requirements
3 as we described in our concept paper that ERIC will
4 generate, those can then become the basis for rules
5 for license conditions and for authority that the
6 licensee can carry out as well as obligations that the
7 licensee will be responsible for. So I think we agree
8 that laying that out clearly so that the lines of
9 responsibility and lines of authority are very clearly
10 delineated is extremely important, and that's another
11 goal that we're focused on. I don't know if others
12 want to address other aspects of Bill's comments.

13 MS. MANNER: Thank you very much, Bill.

14 MR. CARROW: Thank you.

15 MS. MANNER: Next up is Cynthia Cole.

16 MS. COLE: Good afternoon. My name is
17 Cynthia Wensel Cole, and I am an Interoperability
18 Strategist and Architect with Cynergyze Consulting.
19 My comments echo many of those that have been made
20 today, and I'm picking up on one of Chief Barnett's
21 statements last week in which he said we must build
22 upon what's already in place. I'm presenting a
23 specific technical idea in this area.

24 As you know, all public safety first
25 responders carry radios today, and a growing

1 percentage of those radios are now IP based devices,
2 operating on sophisticated and secured IT networks.
3 These networks deliver unique capabilities essential
4 to the public safety missions, including managed
5 access control, centralized dispatch, multiple layers
6 of priority, end to end encryption, audio logging, and
7 99.999 percent availability.

8 The investment by taxpayers in these systems
9 is already in the billions of dollars, and they are
10 built to last 20 years or longer. While developing
11 broadband handsets equivalent to these radios is
12 relatively straightforward, the challenges on the
13 broadband networks side are well beyond the reach of
14 both technology and commercial investment for at least
15 five to ten years.

16 I encourage you to embrace this reality and
17 pursue ways to get the best of both worlds for the
18 public safety community. With modern public safety
19 networks now based upon these IT technologies, a
20 single payer of inexpensive network gateways can now
21 tie together vast coverage areas using just ethernet
22 connections. These standards based interfaces have
23 just become commercially available, having been ably
24 managed by Project 25, NIST, and DHS.

25 The systems of systems approach melts away

1 the differences in RF bands, over-the-air interfaces,
2 and equipment manufacturers. These same network
3 interfaces, or better yet revved up versions of them,
4 could be used to connect radio networks to the
5 nationwide broadband network. Since the users would
6 get to keep their radio and add a broadband device,
7 they would then have redundant voice and data,
8 redundant network coverage, and a redundant device.

9 This approach achieves an inherently
10 reliable experience for the end users and will deliver
11 services which are more robust, more integrated, and
12 less costly to deploy. As you know, the obstacle to
13 interoperability cannot be overcome by just adding
14 spectrum technology and funding, although that helps.
15 Public safety must also continue getting trained and
16 accustomed to working across and roaming across system
17 and operational boundaries.

18 In closing, the policies and requirements
19 which will be driven by the proposed center will set
20 the pace for interoperability for many years to come.
21 Therefore I ask that ERIC works toward network
22 interfaces which will connect the systems of tomorrow,
23 but also encourage connectivity between the existing
24 systems of today. By doing so, the public safety
25 community will be that much more prepared for the

1 transformational promise of the nationwide public
2 safety broadband network when it arrives. To quote a
3 public safety visionary and friend of mine, let's make
4 sure no radio is left behind. Thank you very much.

5 MS. MANNER: Thank you, Cynthia. And I
6 think Jeff Goldthorp wanted to?

7 MR. GOLDTHORP: Yeah, that's -- one of the
8 things I didn't mention in my remarks at the
9 beginning, and one of the things I think ERIC will be
10 doing, is developing requirements for gateway
11 technologies and the integration of gateway
12 technologies into the broadband wireless network that
13 we're talking about today. And those gateway
14 technologies can be exactly the kinds of gateway
15 technologies that you're talking about here. So I
16 don't think anything we're talking about with ERIC is
17 meant to exclude what you're describing, and we just
18 need to find the right way to include it.

19 MS. COLE: Right, and emphasize it perhaps a
20 little more. Maybe Dereck could start testing it this
21 year.

22 MS. MANNER: Dereck?

23 MR. ORR: I was actually going to say that
24 that is one of the key things we want to look at in
25 the demonstration network, is looking at tying

1 together existing narrow band systems with the
2 broadband network. DHS has already done this in a
3 pilot with DC and already demonstrated that these
4 networks can be tied together, and being able to use a
5 cellular device as you would a public safety radio on
6 a public safety system. And that's something we want
7 to try out in the LTE demonstration network in Boulder
8 as well, and we're going to be working in partnership
9 with DC again in this demonstration. But you're right
10 on point, Cynthia, and that's something we're going to
11 be looking at specifically.

12 MS. MANNER: And Chris had wanted to say a
13 couple words?

14 MR. ESSID: I was just going to say that
15 right now we're updating the National Emergency
16 Communications Plan, and a lot of this is going to be
17 in the plan. As these next generation technologies
18 are developed, how do you link them with today's
19 technologies? I mean land mobile radio, the fact is,
20 is going to be around for quite some time because
21 we've invested billions of dollars and people are
22 going to use it for its entire life cycle. And so
23 trying to come up with ways to converge these
24 technologies is one of the things that is going to be
25 front and center in the new version of the national

1 plan that we're starting to develop right now.

2 MS. MANNER: And then Behzad?

3 MR. GHAFFARI: Yeah, until interoperability
4 happens, I mean technically the communications layers
5 happens in different layers, and these layers, if I
6 want to summarize, there are three layers. One is the
7 physical layer, the other one is a network layer, the
8 other one is application layer. And ERIC is mindful
9 of all three of them. For physical layers, basically
10 we need to have devices that perhaps on an LTE or some
11 other 4G technology that in order this
12 interoperability happen. And for the network layer we
13 are assuming that this would be an IP network, so they
14 all can talk to each other. And application layers
15 are exactly the topic that you're talking about, and
16 ERIC is going to consider that when it comes to
17 setting standard and adopting standard, that's very
18 important.

19 MS. MANNER: And thank you very much,
20 Cynthia. I would just remind the folks, our panelists
21 here, to talk into their microphone, because you're
22 all facing the panelist. With that, I'd like to
23 invite Jonathan DeLong up.

24 MR. DELONG: Good afternoon. Thank you,
25 Jennifer, esteemed panel, and of course friends of

1 ERIC. I am Jonathan DeLong, I'm Executive Vice
2 President of Zos Communications. And I can probably
3 keep this short. I think we all agree that we want
4 ERIC, now in its infancy, to grow up to be strong, to
5 be adaptive, and to serve us all. What I want to
6 remind the panel to consider in the future is for
7 innovation coming down the pipe, not yet conceived
8 today, or still yet on the bleeding edge of
9 capabilities.

10 And I think about, we think about at Zos
11 Communications, the difference between an incident or
12 an event that might be many incidents, everyday need
13 and mutual aid versus a disaster versus a catastrophe,
14 and how ERIC has to be able to accommodate all of
15 these things. What we're most focused on, and we
16 think is very relevant, is the consideration of
17 location in all of this, and how the new devices, both
18 off the shelf and to be developed, can bring location
19 awareness to the table, not just from GPS, not just
20 from the carrier networks, but from a whole host of
21 things being emergent today in urban areas and rural
22 settings.

23 And where what we're accommodating is the
24 handoff from one CAD system to the next based on a
25 first responder moving across an imaginary line in the

1 sand and how that line needs to be flexible and
2 adaptive to keep first responders in touch with the
3 chain of command and an expanding chain of command as
4 the incident grows in intensity in a nonstatic
5 environment. So, as all of the interests in this room
6 probably provide a small layer into the total solution
7 of ERIC, we want to remind the panel to consider
8 location and emergent technologies.

9 And in relationship emergent technologies,
10 there's a host of development communities out there
11 who would love to take part in the solutions that are
12 being presented. And beyond standards and protocols
13 are the clear expression of the need, taking the
14 incidents in the field and putting them in plain terms
15 for everyone to understand. And we believe that if
16 everyone could understand the need and the challenges,
17 that it's going to foster more innovation across a
18 larger group of developers and stakeholders. And
19 that's all I have for you today, thank you.

20 MS. MANNER: Thank you. Jeff?

21 MR. GOLDTHORP: I think what you just
22 described is I think a really good sort of a vertical
23 example of an application that, were it to, you know,
24 catches on, there's going to be a clear need for
25 interoperability amongst the networks that are being

1 built out. And the application, I think that the
2 ultimate application is the CAD application you
3 described, but the location awareness is necessary for
4 the CAD application to work, and in order for that to
5 all hang together you've got to have interoperability
6 amongst these networks.

7 So what Behzad, I think that sort of plays
8 back to what Behzad was saying before, which is -- and
9 when we're thinking about ERIC we're not just thinking
10 about physical or even network layer interoperability,
11 we're thinking about interoperability all the way up
12 to the application layer, which gets into some of the
13 points you're making here.

14 MR. DELONG: Indeed.

15 MR. GOLDTHORP: Thank you.

16 MR. DELONG: Thank you.

17 MS. MANNER: Thank you very much. And with
18 that, I'd like to call up Stephen Verbil.

19 MR. VERBIL: Thanks, Jennifer, appreciate
20 it. Good afternoon, everyone. Is this mic close
21 enough? My name is Stephen Verbil and I'm Emergency
22 Telecommunications Manager for the Office of Statewide
23 Emergency Telecommunications within the Department of
24 Public Safety for the state of Connecticut. We
25 provide 911 to the state of Connecticut and our

1 employees provide engineering and frequency
2 coordination services to our state and to our region,
3 it's region 19 New England.

4 I'm Co-Chair of the Region 19 700 and 800
5 MHZ Technical Advisory Committee, and the Regional
6 Plan Update Committee experience is probably
7 instructive for what we're talking about here today.
8 The ERIC concept paper puts forth a comprehensive plan
9 for the FCC to determine a host of parameters and
10 procedures for our use of the 700 MHZ broadband
11 frequencies, and it's about time we move forward, I
12 think we all would agree.

13 The example and precedent, however, set by
14 the FCC, regarding for instance the NPSTC 800 MHZ
15 frequencies and the devolution to the regions of plan
16 creation and plan execution, put the FCC in those days
17 in an enabling role, preserving the FCC's ultimate
18 regulatory and enforcement role for use when needed.
19 But it left the decisions of the how and the who to
20 those on the ground who need and use the technology.
21 Contrary to this precedent, the ERIC plan combines
22 planning, technology decision making, and policy
23 setting down to the choice of encryption types within
24 the same agency that has the ultimate enforcement
25 responsibilities.

1 We believe these two don't sit well
2 together. While I understand the frustration that the
3 Commission and staff must feel with the lack of speed
4 in implementing a 700 MHZ broadband solution, because
5 we in the public safety communications community
6 certainly share that frustration, it may well be that
7 a plan that looks a little bit more like that adopted
8 to administer the NPSTC frequencies, national in scope
9 but with regional representation, would provide a
10 better outcome for all of us, would be more likely to
11 succeed, and have less potential to stifle innovation.
12 Thank you.

13 MS. MANNER: Thank you very much. Does
14 anyone want to have any statements?

15 (No response.)

16 MS. MANNER: Okay, well thank you very much,
17 we'll take your comments into consideration, we
18 appreciate them. With that, I'd like to call up Gil
19 Armendariz.

20 MR. ARMENDARIZ: My name is Gil Armendariz,
21 I'm the Chairman of the Sy Tech Corporation. And one
22 of the things that I'd like to discuss is one thing
23 that was mentioned early in the opening remarks, and
24 that interoperability is 10 percent technical and 90
25 percent administrative and operational. We at Sy Tech

1 are the prime contractor for the Virginia Commonwealth
2 Link Interoperability System Comm Link. We currently
3 have a system that was actually originally, if I can
4 use that word, fathered by Chris Essid back about five
5 or six years ago when they got funding from DHS and
6 the COPS program.

7 And a number of regions in the Virginia area
8 got together and put out an RFP that was competitive,
9 and fortunately we did win the job, and as of right
10 now we have actually a system of systems
11 communications all the way from Fairfax to North
12 Carolina. We've got Virginia Tech, Liberty
13 University, a number of universities, hospitals, we
14 even have the military that's actually in the actual
15 link itself.

16 And one of the major problems that we've
17 encountered is not really technical, it's really the
18 establishment of the MOUs, the administration, and
19 bringing together the actual agencies from civilian to
20 military to all of the different agencies that
21 basically 99 percent of the time they don't really
22 want to talk to each other because of security issues.
23 But what happens when you actually have an incident,
24 obviously you need to talk.

25 And the problem that you have is you need to

1 have an actual system in place at that instant in
2 time, that's your problem that you have. So one of
3 the things that I'm asking ERIC that you need to look
4 into very deeply, and quite frankly I don't know how
5 to solve that, it has to do with really the
6 administrative process of bringing the different
7 agencies together to want to actually put together a
8 system of systems.

9 The technology's already there. We're
10 currently right now working with the commercial
11 broadband networks, the 3G and the 4G, and one of the
12 areas that would really be of tremendous advantage or
13 of interest to public safety would be to have priority
14 traffic during actual incidents. Recently in the
15 governor's inauguration in Richmond they used our
16 system for communications. Some of the actual
17 undercover agents had actual PDAs that they were
18 using, they didn't want to go out with a big public
19 safety radio because they were undercover agents.

20 It worked out well the day before, but then
21 when the actual governor's inauguration took place,
22 because everyone's using their phones, obviously they
23 had problems with actual communication. So that
24 scenario that would be of tremendous benefit if we
25 could look into Verizon, AT&T, the other commercial

1 carriers, if they would provide the public safety with
2 priority during the incidents that you had. For
3 example we did actual testing during the inauguration,
4 and we had a very good lab here, we had 2 million
5 people with cell phones and we went out there with all
6 kinds of cell phones to see what would work and what
7 wouldn't work. Guess what, nothing worked.

8 The only thing that would work were text
9 messages. But we actually timed those also, you'd
10 send a text, you may get it in 30 seconds, you may get
11 it in three minutes, sometimes you'd get it an hour
12 later. All right, but it's because of the fact that
13 you've got everyone else using the actual network
14 that's being used. So that would really be an area
15 that would be of tremendous help to public safety.
16 All right, with that, that's all my comments that I
17 have right here. Any questions anyone has?

18 MS. MANNER: Thank you. David?

19 MR. FURTH: I'm going to make I guess an
20 observation, and maybe sort of a question back, I
21 think that you cited the sort of the 90/10 split which
22 Chris also cited, that, you know, interoperability is
23 about 10 percent technology and 90 percent the sort of
24 operational and governance issues, and I think that's
25 true. I mean I think that what we've seen in the

1 narrow band world suggests that that's the case.

2 Part of what we're focused on here and with
3 ERIC I think is that in the broadband world we now
4 have an opportunity to get that 10 percent right from
5 the start. Because I think one of the reasons that
6 we've had it, you know, so much work that had to be
7 done with the 90 percent is because of the long time
8 that it took to get the technology in the narrow band
9 world to the point where you had interoperability.

10 And you're still going to have even assuming
11 you have perfect technical interoperability you're
12 going to have a whole host of issues, which I think as
13 we see it are not necessarily the issues that ERIC
14 would deal with, in fact these are really in the
15 wheelhouse of OEC and many within the Federal
16 government that have to deal with these on a daily
17 basis as well as with the public safety community.
18 But I think that getting that 10 percent right in the
19 broadband context from the start may make the 90
20 percent a little bit easier, at least I think that's
21 what we'd like to try. And I don't know if others on
22 the panel have perspective on that as well.

23 MS. MANNER: Chris was actually next.

24 MR. ESSID: He said what I was going to say.

25 MS. MANNER: Okay, so, Chris, I'm going to

1 cede your --

2 MR. FURTH: And we didn't even rehearse it
3 ahead of time.

4 MS. MANNER: Please, sir?

5 MR. ARMENDARIZ: One of the things we're
6 finding is that the commercial world is moving much
7 much faster than public safety. A couple months ago I
8 was showing my wife how to use, you know, the Facebook
9 and social networks and she said, oh great, you mean
10 to tell me if I have 911 I can send a text message to
11 911? I said, no you can't do that. Why not? I can
12 send it to my daughter in California and I can send it
13 so and so and so and so, you mean to tell me Stafford
14 County I can't send to 911? No, you can't.

15 The technology is there, okay, but the
16 problem is there's no guarantee that that text message
17 is going to go through, so in working with Dorothy and
18 VITA a couple of months ago we were trying to get this
19 done, but the cellular providers don't want to play a
20 part in that because of the liability issue, okay? So
21 these are some of the issues that we need to tackle.
22 Now, video also --

23 MS. MANNER: I'm sorry, I'm going to
24 interrupt you because I know some of the panelists
25 want to talk and we need to --

1 MR. ARMENDARIZ: Sure, okay. The comment
2 I'm making is, you do have technology, video, text
3 messages, that's moving much much faster, and those
4 things need to be addressed, okay, thank you.

5 MS. MANNER: I want to turn the floor over
6 to Behzad for a second.

7 MR. GHAFFARI: I have a very short comment
8 actually adding to what David Said. I think broadband
9 world is different than the narrow band. I mean this
10 is a whole different thing, the technology's
11 different. And in fact I think that if ERIC does its
12 job right from day one, this 10 percent, I mean in
13 fact you're going to reduce that 90 percent. I don't
14 know, maybe we can say that 30 percent and 70 percent
15 or something like that. We are hoping that we will
16 experience something different.

17 MS. MANNER: Okay, thank you. I was going
18 to go to Chris.

19 MR. ESSID: Technology's going to continue
20 to evolve, and this reminds me of something I saw, I
21 think it was on the Letterman show or something like
22 that where they had somebody sending morse code and
23 someone else was trying to send a text message, and
24 while the technology's evolved, the morse code was
25 faster. And so, no matter what we do, in my opinion

1 and the opinion of the first responders we've worked
2 with over the years is, no matter what the technology,
3 if you don't have the standard operating procedures
4 and how things work, who does what in what situation
5 and you're not trained on it, you won't be able to use
6 it to 100 percent of its capability.

7 So I think that, you know, we're going to be
8 having the same conversation years down the road,
9 people want to know when we're going to just be done
10 with interoperability. Interoperability is a core
11 capability, and as these new technologies are
12 developed we have to continue to work together with
13 the public safety community and the user community to
14 ensure that we consider all the ramifications of this
15 new technology on operations.

16 So I hope that, you know, you can reduce it
17 a little, but the new technology, if people have to
18 know how it plugs in and fits into their operations,
19 and I think that's what you were getting at. And we
20 have programs that we're going to continue to do that,
21 you have to look at that, and we're continuing through
22 our Safecom program and other efforts to look at how
23 do we offer resources and best practices lessons
24 learned so everybody can utilize those.

25 MS. MANNER: And finally Ziad?

1 MR. SLEEM: Yes, thank you. And I think
2 that the gentleman before me has really addressed it
3 very nicely and eloquently. You know, first of all,
4 these networks are really thoroughly complex but also
5 simplistic enough to really enable end to end
6 services. And from that perspective I think that, you
7 know, many of these services would be much more
8 enabled on a faster track than the narrow band
9 services as my colleague Behzad has mentioned earlier.

10 The second element in terms of the operation
11 of the network itself, also this kind of a concept of
12 network of networks, there are some simplistic issues,
13 nonetheless they are complex, but there are some
14 built-in capabilities in these networks that will
15 really fantastically enable these issues. And my last
16 really my last point about this is more about the
17 operational side of the house.

18 And I think my colleague from DHS has really
19 sensed it very nicely, that we are learning as we are
20 really going, and these kind of lessons learned and
21 areas where these networks, you know, perform to
22 whether public safety wants them to go and how they
23 want them to perform and so forth need to be
24 documented fairly well and need to be fairly well
25 understood so that under different circumstances, you

1 know, ERIC can explain and can show how well these
2 networks can really behave. Thank you.

3 MS. MANNER: Okay. So thank you very much,
4 Gil. I'm going to call up our next speaker is John
5 Doherty.

6 MR. DOHERTY: Good afternoon. I'm John
7 Doherty, Vice President of Engineering for GEO Command
8 Incorporated. I have a very brief comment today. GEO
9 Command is a company that serves first responders
10 communities with software that enhances emergency
11 response planning, situational awareness, and
12 interagency interoperability. A major component of
13 our products is a gathering, maintenance, and sharing
14 of critical data such as hazard and structure
15 information.

16 As a consequence of our interest in the free
17 exchange of data, GEO Command has become an early
18 adopter of the Department of Homeland Security's
19 Unified Incident Command and Decision Support
20 Initiative. UICDS creates an open architecture
21 framework to allow multiple organizations using their
22 own diverse software tools to store and exchange data
23 and manage resources.

24 DHS is currently developing compliance test
25 procedures and will include UICDS compliance in future

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1 grant requests. I'm here today not just representing
2 . GEO Command but some 20 other private sector and
3 academic participants in the program. I'd like to
4 urge on my behalf and theirs that ERIC adopt UICDS
5 structure to promote interoperability and
6 interoperability between various applications. Thank
7 you.

8 MS. MANNER: Thank you. Do we have any
9 comments?

10 (No response.)

11 MS. MANNER: Okay, well thank you very much
12 for your comments. Next up is Prudence Parks.

13 MS. PARKS: Hi, good afternoon. My name is
14 Prudence Parks and I'm with the Utilities Telecom
15 Council. My question here is concerning a very
16 limited issue. And while utilities have challenges
17 themselves concerning interoperability when they have
18 sister utilities coming to an emergency situation for
19 restoration purposes, the question that I am going to
20 limit myself to is the composition of the public
21 safety advisory board.

22 Shouldn't the public safety advisory board
23 include representatives from utilities and other
24 critical infrastructure industries given that
25 utilities and critical infrastructure industries